



Highlights

2 to 10 poles

Lift type

Spacing 7.0 mm

Wire entry parallel to plugging direction

Coding with coding nose

Max. 500 V

With fixing flange

Wire Sizes

Solid min	0.14 mm ²
Solid max	1.5 mm ²
Stranded (flexible) min	0.14 mm ²
Stranded (flexible) max	1.5 mm ²
Stranded with ferrule min	0.25 mm ²
Stranded with ferrule max	1.0 mm ²

Dimensions

Stripped length	7.0 mm
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Materials

Clamp	Brass
Screw	Bronze
Screw, flange	Steel
Contact spring	Bronze

Insulating Material

Material	PA 6.6
Flammability class	UL 94 V-0

Temperatures

Operating temperature (without mech. load)	-40 °C - 105 °C
Store temperature	-40 °C - 105 °C

Spacing 7.0 mm

Wave Soldering Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Reflow Process

Soldering temperature, recommended	-
Peak soldering time, recommended	-

Colours

BLACK, RAL 9011

GREEN, RAL 6018

LIGHT GREEN, similar RAL 6018

Colours according to RAL, there may be variations on colour due to production conditions.
Special colours on request.

Ratings

		C [®] AL [®] US		D [®] E	
UseGroup	B	C	D		
Rated voltage	300 V	-	300 V	500 V	
Rated current	8 A	-	-	8 A	
Overvoltage category				III	
Rated wire size			min		max
- solid	AWG 28-16	-	AWG 28-16	0.5 mm ² (6 A)	1.5 mm ² (8 A)
- stranded	AWG 28-16	-	AWG 28-16	0.5 mm ² (6 A)	1.5 mm ² (8 A)
Torque	0.25 Nm	-	0.25 Nm	0.25 Nm	
Screw size	M2	-	M2	M2	
Test voltage	1.60 kV	-	1.60 kV	6.0 kV	
Pollution degree				3	

Counterparts (Spacing 7.0 mm)

Pin Strip

STL1550

In combination of connectors with different admission data, the lower value is valid.

Accessoires

Figure	Designation	Article Number
	Bridge, 2-pole, insulated, BRI/2-7.0/7.62-L7.5-LIGHT GREY	Order Data: 50000000018
	Series AK(Z)1550 with pull relief	Order Data: on request



PTR HARTMANN

A Phoenix Mecano Company

Technical Data // AK1550/..F-7.0-GREEN

Spacing 7.0 mm

Order Data (Spacing 7.0 mm)

Number of Poles	Width (mm)	Article Designation	Article Number	PU
2	20.90	AK1550/2F-7.0-GREEN	51550022041 E	100
3	27.90	AK1550/3F-7.0-GREEN	51550032041 E	100
4	34.90	AK1550/4F-7.0-GREEN	51550042041 E	100
5	41.90	AK1550/5F-7.0-GREEN	51550052041 E	100
6	48.90	AK1550/6F-7.0-GREEN	51550062041 D	50
7	55.90	AK1550/7F-7.0-GREEN	51550072041 D	50
8	62.90	AK1550/8F-7.0-GREEN	51550082041 D	50
9	69.90	AK1550/9F-7.0-GREEN	51550092041 D	50
10	76.90	AK1550/10F-7.0-GREEN	51550102041 D	50

Technical drawing

